

US EPA RECORDS CENTER REGION 5



404003

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C. William Axce
General Manager

December 22, 1987

Ms. Bonnie Eleder - 5HE-12
Remedial Project Manager
CERCLA Enforcement Section
U. S. Environmental Protection Agency
230 S. Dearborn Street
Chicago, IL 60604

Director
Michigan Dept. of Natural Resources
P. O. Box 30028
Lansing, MI 48909

To Whom It May Concern:

Subject: Consent Decree Action 80-73699

I have attached copy of the fourth 1987 Quarterly inspection of the Riverview site.

If there are any questions, please advise.

Yours very truly,

C. W. Axce

mh
attachment

cc: J. Shauver, MDNR, Lansing
V. Loselle, MDNR, Northville

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DEC 23 1987
U.S. EPA, REGION V
WASTE MANAGEMENT DIVISION
OFFICE OF THE DIRECTOR

ENVIRONMENTAL

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PREVENTIVE MAINTENANCE

BASF Corporation

TITLE: Riverview Property

SSO NO.: 110005 CC No.: 3058

INSPECTION FREQUENCY: 3 Months

INSPECTION DUE DATE: 12/31/87

PROCEDURE

THIS PM REQUIRES THE INSPECTOR TO LOOK AT MANY THINGS AND WALK OR DRIVE OVER A LARGE AREA. THE INSPECTOR SHOULD READ THIS PM COMPLETELY PRIOR TO MAKING THE INSPECTION SO THAT NO WASTED EFFORT HAS TO OCCUR "GOING BACK".

I. Inspect entire fence.

A. Fence must be completely intact, including 3 strands of barbed wire on top. All gates must be locked.

Date Issued: 8/85

Date Revised: 11/85 - LTB

Folder No.: 1490M3.ENV

Sheet 1 of 9

EQ. CODE: 00-00

REPORT HERE - FINDINGS &
ITEMS REPAIRED OR REQUIRED

I.A. Make a list of any broken barbed wire, broken or deformed fence, bent or damaged fence posts or rails, gate hinges, locks, etc.

Loose support bracket in south fence line at marine dock; bent top rail at S.W. corner and bent top rail along marina parking lot - to be repaired wk. of 12/14/87.

ENVIRONMENTAL

ENVIRONMENTAL

ENVIRONMENTAL

Folder No.: 1490M3.ENV

TITLE: Riverview Property

CC No.: 3058

Sheet 2 of 9

PROCEDURE

REPORT HERE - FINDINGS &
ITEMS REPAIRED OR REQUIRED

- B. Inspect signs on fence. Signs must face outward from property. The signs must be spaced at 100' intervals on all four sides of the property. The signs must be in good condition with 1-1/2" high letters.

	WARNING			
	KEEP OUT			
MANAGED	INDUSTRIAL	WASTE	DISPOSAL	AREA

- I.B. 1. Are signs spaced every 100 ft.? Yes___ No___

2. Make a list of missing, rusted, bent, illegible, etc., signs.

1 sign missing on Firestone fence line. To be replaced wk. of 12/14/87.

- II. Inspect vegetation from Jefferson/to the water and from the common property line with Firestone to the municipal ramp.

- A. Look for any "bare" areas (spots or areas which do not have plant life growing).

- II.A. List "bare" areas. Describe size and location of bare spot.

Rutted and bare area, approx. 200 ft.² at main gate. 1 bare spot approx. 25 ft.² and 1 bare spot approx. 10 ft.² - both located just south of Ditch Joint #25. There is also one sparse area approx. 200 ft.², south of Joint 26. All areas will be repaired when current field work is completed and weather permits. Reseeding will be done in early spring.

- B. Measure the height of the vegetation. As the vegetation is measured, look for areas where growth is stunted.

- II.B. List the "average" height of the vegetation.

Average height approx. 12" and dormant.

Folder No.: 1490M3.ENV

TITLE: Riverview Property

CC No.: 3058

Sheet 3 of 9

PROCEDURE

REPORT HERE - FINDINGS &
ITEMS REPAIRED OR REQUIRED

III. Inspect the shoreline for stability.

III. List any shoreline erosion,
washing, other deteriora-
tion or accumulation of
debris.

No shoreline erosion or debris.

IV. Review the integrity of the compacted clay cover.

A. Inspect the entire area for the physical condition
of the surface.IV.A. List any erosion, standing
pools of water, weathering,
change in drainage patterns,
etc.Standing pools of water all over
site due to recent rains. No
erosion or drainage pattern change.B. Look for any deep-rooted vegetation (trees or other
plant life which might or does have tap roots). Any
vegetation which is taller than surrounding vegetation
should be considered deep-rooted.

IV.B. List deep-rooted vegetation.

Several small patches of dried
up, deep rooted weeds which were
treated with weed control are
visible.

Folder No.: 1490M3.ENV

TITLE: Riverview Property

CC No.: 3058

Sheet 4 of 9

PROCEDURE

REPORT HERE - FINDINGS &
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V. Inspect the berm which is constructed along the common property line with Firestone. This berm is constructed to eliminate water flowing from the Firestone property onto the site.

V. Is the berm at least 6 inches above the level of the Firestone property at the property line?
Yes X No

Is there any evidence of water flowing from the Firestone property onto the site?
Yes No X

VI. Inspect the two concrete drainage ditches on the site, one through the center and one at the northeast corner.

VI.A. List any cracks in the concrete, leaking through the cracks, accumulated debris, standing water, etc.

Entire length of both ditches are covered with clear flowing water.

A. Look at overall condition of the ditches.

B. There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.

Joint 1: Joint is sound. Bottom 1/3 of ditch is filled with clear, flowing storm water run-off.

Joint 2: Joint is sound, bottom 1/3 of ditch is filled with clear, flowing storm water run-off.

Folder No.: 1490M3.ENV

TITLE: Riverview Property

CC No.: 3058

Sheet 5 of 9

PROCEDURE

REPORT HERE - FINDINGS &
ITEMS REPAIRED OR REQUIRED

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is the joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint 4: Joint is sound. Bottom 1/3 of ditch is filled with clear, flowing storm water run-off.

Joint 6: Joint is sound. Bottom 1/3 of ditch is filled with clear, flowing storm water run-off.

Joint 8: The tar filler material is coming out of the bottom of the joint. Bottom 1/3 of ditch is covered w/clear flowing storm water run-off.

Joint 10: Tar filler material is coming out of the joint. The top concrete coating is flaking away. Bottom 1/3 of ditch is filled with clear, flowing storm water run-off.

VI.B. List condition of each joint.

Joint 3: Joint is sound. Bottom 1/3 of ditch filled with clear, flowing storm water run-off.

Joint 5: Tar filler material is coming out of joint. Bottom 1/3 of ditch is filled with clear, flowing storm water run-off.

Joint 7: There is a new hairline crack 1/2 way between Joints 7 & 8. Water is seeping from the crack. This should be repaired. Joint is sound. Bottom 1/3 of ditch is covered w/clear, flowing storm water run-off.

Joint 9: Joint is sound. Bottom 1/3 of ditch filled w/clear, flowing storm water run-off.

Joint 11: Tar joint filler is sound. Top concrete coating is cracking. Bottom 1/3 of ditch is filled with clear, flowing storm water run-off.

Folder No.: 1490M3.ENV

TITLE: Riverview Property

CC No. 3058

Sheet 6 of 9

PROCEDURE

REPORT HERE - FINDINGS &
ITEMS REPAIRED OR REQUIRED

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint 13: Water is pushing up into the joint and pushing the tar filler out of the joint in 2 places. Top cement coating is flaking away. Bottom 1/3 of ditch covered with clear, flowing storm water run-off.

Joint 15: Tar joint filler is flowing out of joint in 2 places, but joint is still sound. Bottom 1/3 of ditch is covered w/clear, flowing storm water run-off.

Joint 17: Tar joint filler is in good shape, but top cement coating is flaking away. Bottom 1/3 of ditch is filled w/clear, flowing storm water run-off.

Joint 19: Recent cement repairs beginning to crack, but exposed joint appears dry. Bottom 1/2 of ditch covered w/clear, flowing storm water run-off.

VI.B. List condition of each joint.

Joint 12: The tar filler material is coming out of most of the joint and needs to be replaced. Bottom 1/3 of ditch is filled with clear, flowing storm water run-off.

Joint 14: The joint filler is sound, but top coating of cement is flaking away. Exposed joint is dry. Bottom 1/3 of ditch is filled w/clear, flowing storm water run-off.

Joint 16: Joint is sound, dry. Recent repairs appear to be holding up. Bottom 1/3 of ditch filled w/clear, flowing storm water run-off.

Joint 18: Tar joint filler is sound. Exposed joint is dry. (No cement coating on top.) Bottom 1/3 of ditch filled w/clear, flowing storm water run-off.

Joint 20: Tar joint filler is sound. Exposed joint is dry. (No cement coating on top.) Bottom 1/2 of ditch filled w/clear, flowing storm water run-off.

Folder No.: 1490M3.ENV

TITLE: Riverview Property

CC No.: 3058

Sheet 7 of 9

PROCEDURE

REPORT HERE - FINDINGS &
ITEMS REPAIRED OR REQUIRED

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint 22: Tar joint is sound. Exposed joint is dry. No cement coating on top. Bottom 1/2 of ditch filled w/clear, flowing storm water run-off.

Joint 24: Tar joint filler is sound. Exposed joint is dry. No cement coating on top. Bottom 1/3 of ditch is filled w/clear, flowing storm water run-off.

Joint 26: Tar joint filler is ok, but top cement coating is starting to crack. Bottom 1/3 of ditch is covered with clear, flowing storm water run-off.

Joint 28: Tar joint filler is sound, but top cement coating is flaking away. The exposed joint is dry. Bottom 1/3 of ditch is covered with clean, flowing storm water run-off.

VI.B. List condition of each joint.

Joint 21: Tar joint filler is sound. Exposed joint is dry. No cement coating on top. Bottom 1/2 of ditch filled w/clear, flowing storm water run-off.

Joint 23: Tar joint filler is in good shape. Exposed joint is dry. No cement coating on top. Bottom 1/2 of ditch is filled w/clear, flowing storm water run-off.

Joint 25: There are 2 new hairline cracks between 25 & 26. Both extend 1/2 way across the ditch, one from the north edge to center, one from south to center. Tar filler in joint looks ok. No cement coating. Bottom 1/3 of ditch filled w/clear, flowing water.

Joint 27: There is a new hairline crack in the ditch between 27 & 28, stretching across the ditch from edge to edge. The tar joint is sound. Bottom 1/3 of ditch filled w/clear, flowing storm water run-off.

Joint 29: The tar joint is sound, but the top cement coating is flaking away. The exposed joint is dry. Bottom 1/3 of ditch is filled w/clean, flowing storm water run-off.

Folder No.: 1490M3.ENV

TITLE: Riverview Property

CC No.: 3058

Sheet 8 of 9

PROCEDURE

REPORT HERE - FINDINGS &
ITEMS REPAIRED OR REQUIRED

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

There are four (4) joints in the north ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint B: Joint is sound. Small amount of clear, flowing storm water run-off.

VI.B. List condition of each joint.

Joint 30: Joint filler material (epoxy) from past repairs is gone. The joint appears to be dry. Bottom 1/3 of ditch is filled with clear flowing storm water run-off.

Joint A: Joint is sound, small amount of clear, flowing storm water run-off.

Joint C: Joint is sound. Small amount of clear, flowing storm water run-off.

Joint D: Joint is sound. Small amount of clear, flowing storm water run-off.

ENVIRONMENTAL

ENVIRONMENTAL

ENVIRONMENTAL

Folder No.: 1490M3.ENV

TITLE: Riverview Property

CC No.: 3058

Sheet 9 of 9

PROCEDURE

REPORT HERE - FINDINGS &
ITEMS REPAIRED OR REQUIRED

VII. Inspect each of the ten (10) monitoring wells for integrity.

Three (3) additional wells added by Company, designated K, L and M.

VII. List any problems with the wells.

Well A - OK, Locked
B - OK, Locked
C - OK, Locked
D - OK, Locked
E - OK, Locked
F - OK, Locked
G - OK, Locked
H - OK, Locked
I - OK, Locked
J - OK, Locked
K - OK, Locked
L - Top Loose - to be
Repaired - Locked
M - OK, Locked

Inspected By: Donald J. Savage
D. Gary Benore

Date Inspected: 12/11/87

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